

Amendments to the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application.

1. (Currently Amended) A device comprising:

a transmitter configured to transmit a query to a destination communication device, the query about ~~corresponding to~~ packet [[units]] sizes that are recognizable by the destination communication device;

a receiver configured to receive information from the destination communication device, the received information corresponding to packet [[units]] sizes that are recognizable by the destination communication device in response to the query;

a determining device configured to select ~~a most~~ an appropriate packet [[unit]] size for transmission data to be packetized that minimizes reduces the amount of transmission data, the [[most]] appropriate packet [[unit]] size being selected according to the received information corresponding to the packet [[units]] sizes that are recognizable by the destination communication device; and

a packet generator configured to packetize the transmission data based on [[a]] the packet [[unit]] size determined by the determining device.

2-3. (Cancelled)

4. (Currently Amended) The device according to claim 1, further comprising:

a storage device configured to store information with respect to the packet [[units]] sizes that are recognizable by the destination communication device.

5. (Currently Amended) The device according to claim 1, wherein if a retransmission request occurs while packets are being transmitted, the determining device is configured to determine a smaller appropriate packet [[unit]] size than the ~~previously~~ determined appropriate packet [[unit]] size.

6. (Cancelled)

7. (Currently Amended) A method for determining packet [[units]] sizes for transmission data to be packetized and transmitted from a communication terminal device to a destination communication device, the method comprising:

transmitting a query to the destination communication device, the query about corresponding to packet [[units]] sizes that are recognizable by the destination communication device;

receiving information from the destination communication device, the received information corresponding to packet [[units]] sizes that are recognizable by the destination communication device in response to the query;

selecting a packet [[unit]] size to minimize reduce the amount of transmission data according to the received information corresponding to the packet [[units]] sizes that are recognizable by the destination communication device; and

packetizing the transmission data according to the packet [[unit]] size selected.

8. (Previously Presented) The method according to Claim 7, further comprising transmitting the packetized transmission data from the communication terminal device to the destination communication device.

9. (Currently Amended) The method according to Claim 7, further comprising determining whether information regarding packet [[units]] sizes recognizable by said the destination communication device is stored in a memory of the communication terminal device.

10. (Currently Amended) The method according to Claim 8, further comprising:

generating a retransmission request requesting a different packet size after the transmitting ~~step requesting a different packet unit size~~;

repacketizing the transmission data into a different packet [[unit]] size according to the retransmission request; and

transmitting the repacketized transmission data to the destination communication device.

11. (Cancelled)

12. (Currently Amended) A computer program product comprising a tangible computer readable storage medium having computer executable instructions recorded thereon that, if executed, enable for enabling a processor communication terminal device to determine packet [[units]] sizes for transmission data to be packetized and transmitted from [[a]] the communication terminal device to a destination communication device, the instructions comprising:

instructions for transmitting a query to the destination communication device, the query about corresponding to packet [[units]] sizes that are recognizable by the destination communication device;

instructions for receiving information from the destination communication device, the received information corresponding to the packet [[units]] sizes that are recognizable by the destination communication device in response to the query;

instructions for selecting [[a]] an appropriate packet [[unit]] size for transmission data to be packetized that reduces minimize the amount of transmission data, the appropriate packet size being selected according to the received information corresponding to the packet [[units]] sizes that are recognizable by the destination communication device; and

instructions for packetizing the transmission data according to the packet [[unit]] size selected.

13. (Previously Presented) The computer program product according to Claim 12, wherein the computer executable instructions further comprise:

instructions for transmitting the packetized transmission data to the destination communication device.

14. (Currently Amended) The computer program product according to Claim 13, wherein the computer executable instructions further comprise:

instructions for generating a retransmission request requesting a different packet size after the transmitting ~~step requesting a different packet unit size;~~

instructions for repacketizing the transmission data into a different packet [[unit]] size according to the retransmission request; and
instructions for transmitting the repacketized transmission data to the destination communication device.

15. (Currently Amended) The computer program product according to Claim 12, wherein the computer executable instructions further comprise:

instructions for determining whether information regarding packet [[units]] sizes recognizable by the destination communication device is stored in a memory.

16. (Currently Amended) A ~~computer program product comprising a tangible computer readable storage medium having computer program logic recorded thereon for enabling a processor communication terminal device configured to determine packet~~ computer program logic comprising:
[[units]] sizes for transmission data to be packetized and transmitted from a communication terminal device to a destination communication device, the communication terminal device computer program logic comprising:

transmitting means configured for enabling the processor to transmit a query to the destination communication device, the query about corresponding to packet [[units]] sizes that are recognizable by the destination communication device;

receiving means configured for enabling the processor to receive information from the destination communication device, the received information corresponding to packet [[units]] sizes that are recognizable by the destination communication device in response to the query;

selecting means configured for enabling the processor to select [[a]] an appropriate packet [[unit]] size for transmission data to be packetized that reduces minimize the amount of transmission data, the appropriate packet size being selected according to the received information corresponding to the packet [[units]] sizes that are recognizable by the destination communication device; and

packetizing means configured for enabling the processor to packetize the transmission data according to the packet [[unit]] size selected.

17. (Cancelled)

18. (Currently Amended) The communication terminal device computer program product of claim 16, ~~wherein the computer program logic further comprising comprises:~~

storing means configured for enabling the processor to store information with respect to the packet [[units]] sizes that are recognizable by the destination communication device.

19. (Currently Amended) The communication terminal device computer program product of claim 16, wherein if a retransmission request occurs while packets are being transmitted, the determining means is configured enables the processor to determine a smaller appropriate packet [[unit]] size than the previously determined appropriate packet [[unit]] size.

20. (New) The device according to Claim 1, wherein the appropriate packet size is further selected according to current traffic congestion of a communication media that the transmission data is to be transmitted over.

21. (New) The method according to Claim 7, wherein the appropriate packet size is further selected according to current traffic congestion of a communication media that the transmission data is to be transmitted over.

22. (New) The computer program product according to Claim 12, wherein the appropriate packet size is further selected according to current traffic congestion of a communication media that the transmission data is to be transmitted over.

23. (New) The communication terminal device of Claim 16, wherein the appropriate packet size is further selected according to current traffic congestion of a communication media that the transmission data is to be transmitted over.